

with the openings 26 in the leaf springs 17, but is well protected behind a non-open portion of the leaf springs 17 or even within an outer shell of the first part 2. This may easily be deduced from the unfolded state shown with broken lines in FIG. 5.

[0036] The hinge member 18 may also be provided with other technical means than the camera 25. For instance, an antenna or any other electronic component may be arranged in the hinge member 18, provided that it is possible to arrange suitable electrical connections and electromagnetic shielding of the components.

[0037] The invention has been described with reference to a preferred embodiment in which four leaf springs 17 are used. However, a single leaf spring 17 may also be applicable in some embodiments and the hinge member 18 may also be omitted. Of course, the camera 25 can be omitted as well; however, if a camera is to be included in the electronic equipment it can suitably be positioned in a hinge member as shown. The electronic equipment may also be any other kind of electronic device than a mobile telephone.

1. An electronic apparatus comprising:

a first part and a second part that are interconnected through a hinge, wherein the hinge comprises a plurality of leaf springs arranged one on top of the other in such a way that mutual movement between the plurality of leaf springs is allowed; wherein the plurality of leaf springs are connected to the first part and the second part; and wherein the plurality of leaf springs are configured to force the first part and second part away from each other.

2. The apparatus according to claim 1, wherein a first leaf spring of the plurality of leaf springs is fixed in relation to both the first part and the second part, and wherein other of the plurality of leaf springs are slideably arranged in relation to at least one of the first part and the second part.

3. The apparatus according to claim 1, wherein comprises a hinge member arranged between the first part and the second part.

4. The apparatus according to claim 3, wherein the hinge member is arranged slidably in relation to at least one of the first part and the second part.

5. The apparatus according to claim 4, wherein the hinge member comprises a plurality of sliding taps and the first part comprises a plurality of guides configured to receive the plurality of sliding taps.

6. The apparatus according to claim 5, wherein the hinge member comprises a plurality of friction taps configured to frictionally engage the plurality of guides.

7. The apparatus according to claim 3, wherein the plurality of leaf springs are arranged on an outer side of the hinge member.

8. The apparatus according to claim 3, wherein the hinge member comprises a camera, wherein the plurality of leaf springs are arranged on an outer side of the hinge member, and wherein an opening through the plurality of leaf springs is aligned with the camera when the first part and the second part are forced away from each other.

9. The apparatus according to claim 3, wherein the hinge further comprises a flexible connector element configured to provide an electrically conductive coupling between the first part and the second part, wherein one of the plurality of leaf springs is arranged on either side of the connector element.

10. The apparatus according to claim 1, wherein at least one of the first and second parts comprise electronic components configured to carry out mobile radio communications across a wireless air interface.

11. An electronic apparatus comprising:

a first section;

a second section movably coupled to the first section; and

a hinge configured to movably couple the first section and the second section, the hinge comprising:

a plurality of leaf springs configured to move relative to one another, wherein the plurality of leaf springs are connected to the first section and the second section, and wherein the plurality of leaf springs are configured to bias the first section away from the second section.

12. The electronic apparatus of claim 11, wherein the hinge further comprises:

a hinge member that comprises a camera configured to be aligned with an opening between the plurality of leaf springs when the first section is positioned away from the second section; and

a flexible connector element configured to provide a conductive coupling between the first section and the second section.

13. The electronic apparatus of claim 12, wherein the hinge member further comprises a plurality of friction taps configured to frictionally engage a plurality of guides configured in the first section.

14. The electronic apparatus of claim 13, wherein at least one of the first and second sections comprise electronic components configured to carry out mobile radio communications across a wireless air interface.

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